

## DINOSAUR NATIONAL MONUMENT

### PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Dinosaur National Monument. These instructions **are effective January 1993** and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

#### Recreation Visits

1. An inductive loop traffic counter is located on the entrance lane of Harpers Corner Drive at monument headquarters. The vehicle count is reduced for non-reportable vehicles (see Table 1). The reduced vehicle count is multiplied by a persons-per-vehicle multiplier (PPV) of 3.5.
2. An inductive loop traffic counter is located on the entrance lane of Dinosaur Quarry (entrance road to the visitor center). The vehicle count is reduced for non-reportable vehicles (see Table 1), buses, and non-recreation vehicles (34 per month). The reduced vehicle count is multiplied by a PPV multiplier of 3.5.
3. An inductive loop traffic counter is located on the entrance lane of Island Park Road. The vehicle count is multiplied by a PPV multiplier of 3.5.
4. An inductive loop traffic counter is located on the entrance lane of Gates of Lodore Road. The vehicle count is reduced for non-reportable vehicles (see Table 1). The reduced vehicle count is multiplied by a PPV multiplier of 3.5.
5. An inductive loop traffic counter is located on the entrance lane of Deerlodge Park Road. The vehicle count is reduced for non-reportable vehicles (see Table 1). The reduced vehicle count is multiplied by a PPV multiplier of 3.5.
6. An inductive loop traffic counter is located on the entrance lane of Elk Springs Road at the park boundary. The vehicle count is multiplied by a PPV multiplier of 3.5.
7. The number of boat (commercial and private) permits issued by park staff.
8. The number of visitors entering the headquarters visitor center.
9. The number of Quarry Visitor Center bus group visitors.
10. The number of trail visitors to Jones Hole.

Table 1  
NON-REPORTABLE VEHICLES BY SITE

SITE	NON-REPORTABLE VEHICLES
Harpers Corner (Headquarters Visitor Center)	150 (May through September) 30 (October through April)
Quarry Entrance (Visitor Center)	866 (May through September) 386 (October through April)
Gate of Lodore	40 (May through September)
Deerlodge Park	34 (May through July)

#### Non-recreation Visits

A park estimate of 34 vehicles per month at Quarry Entrance Road is multiplied by a PPV multiplier of 1.8.

#### Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the categories listed in Table 2. Each subtotal is the result of multiplying the number of visitors associated with that category by its length-of-stay multiplier.

Table 2  
AVERAGE LENGTH-OF-STAY MULTIPLIERS BY CATEGORY

CATEGORY	AVERAGE LENGTH-OF-STAY
Harper's Corner, Elk Springs, and Deerlodge Park recreation visitors	4.00 hours
Blue Mountain recreation visitors	3.50 hours
Island Park and Lodore recreation visitors	2.00 hours
Overnight Stays and Jones Hole visitors	12.00 hours
Commercial and Private Boat visitors	46.70 hours
Quarry Visitor Center visitors	0.75 hour
Headquarters Visitor Center visitors	0.33 hour
Private Boat visitors	60.50 hours

#### Non-recreation Visitor Hours

The number of non-recreation visits is multiplied by 1 hour.

#### Overnight Stays

NPS Campgrounds      Deerlodge Park, Gates of Lodore, Green River, and Split Mountain

1. The number of tent sites occupied is multiplied by the persons-per-site multiplier of 3.5.
2. The number of RV sites occupied is multiplied by the persons-per-site multiplier of 3.5.

NPS Backcountry      Echo Park, Rainbow Park, and other locations

The number of backcountry overnight stays from permits issued.

#### NPS Miscellaneous

1. The number of overnight vehicles at overlook sites and picnic areas is multiplied by a persons-per-site multiplier of 3.5.
2. The number of group camper overnight stays.